



Langley Research Center Safety Alert

SA-10-91

Date: May 17, 1991

TO: All Facility Safety Heads
All Facility Coordinators
All Contractor Safety Representatives

FROM: 429/Chief, Systems Safety, Quality and Reliability
Division (SSQRD)

SUBJECT: Use Requirements For Chlorofluorocarbons and Methyl
Chloroform

Chlorofluorocarbons (CFCs and some Freons) and Methyl Chloroform (1,1,1 Trichloroethane) have been identified as significant contributors to atmospheric ozone depletion. These materials are used at LaRC as refrigerants and as cleaning and degreasing solvents. NASA has established a goal of eliminating all discretionary uses of these materials by 1995. To assist in meeting this goal the following use requirements have been established:

1. Cleaning and Degreasing

Stock requests for the following materials must be approved by the Environmental Engineering Section (MS 429):

FSN 6810-00-664-0387	1,1,1 Trichloroethane
FSN 6850-00-983-0282	Cleaning Compound, Solvent (CFC 113)

Generally CFC 113 shall not be used for cleaning and degreasing without vapor recovery and reclamation. Uses without these controls and any new uses of the solvent must be approved by the Institutional Program Office at NASA Headquarters. Requests for approval shall be submitted to the Environmental Engineering Section, SSQRD, M/S 429.

Users of these solvents shall actively seek replacements suitable to their needs. It is expected supplies will decrease significantly and become considerably more expensive in the near future. Discontinuance of these materials as stock items is under consideration.

2. Refrigerants

Stock requests for the following refrigerants must be approved by the Mechanical Equipment Support Section, OSD, M/S 166A.

FSN 6830-00-527-2043	Refrigerant CFC 22
FSN 6830-00-935-9896	Refrigerant CFC 22